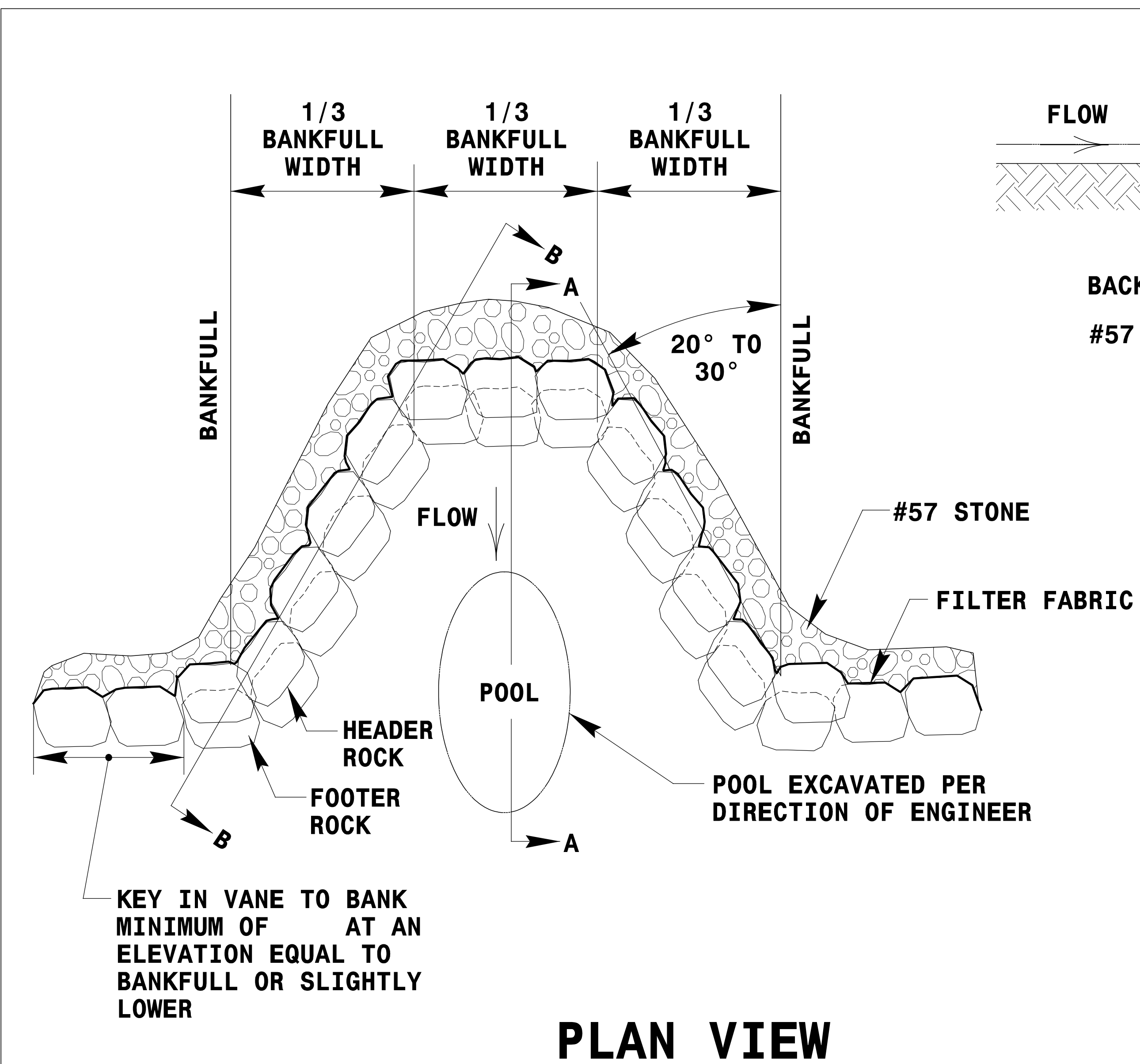


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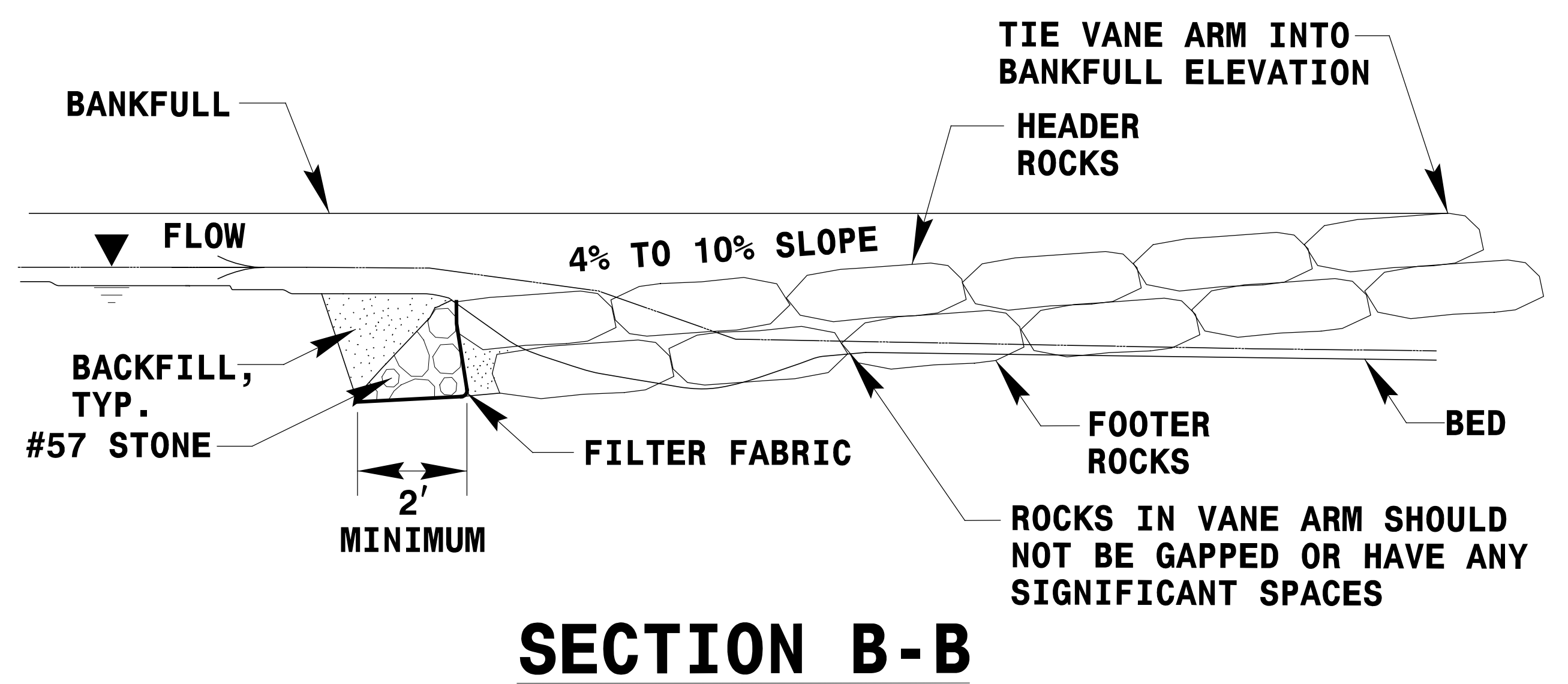
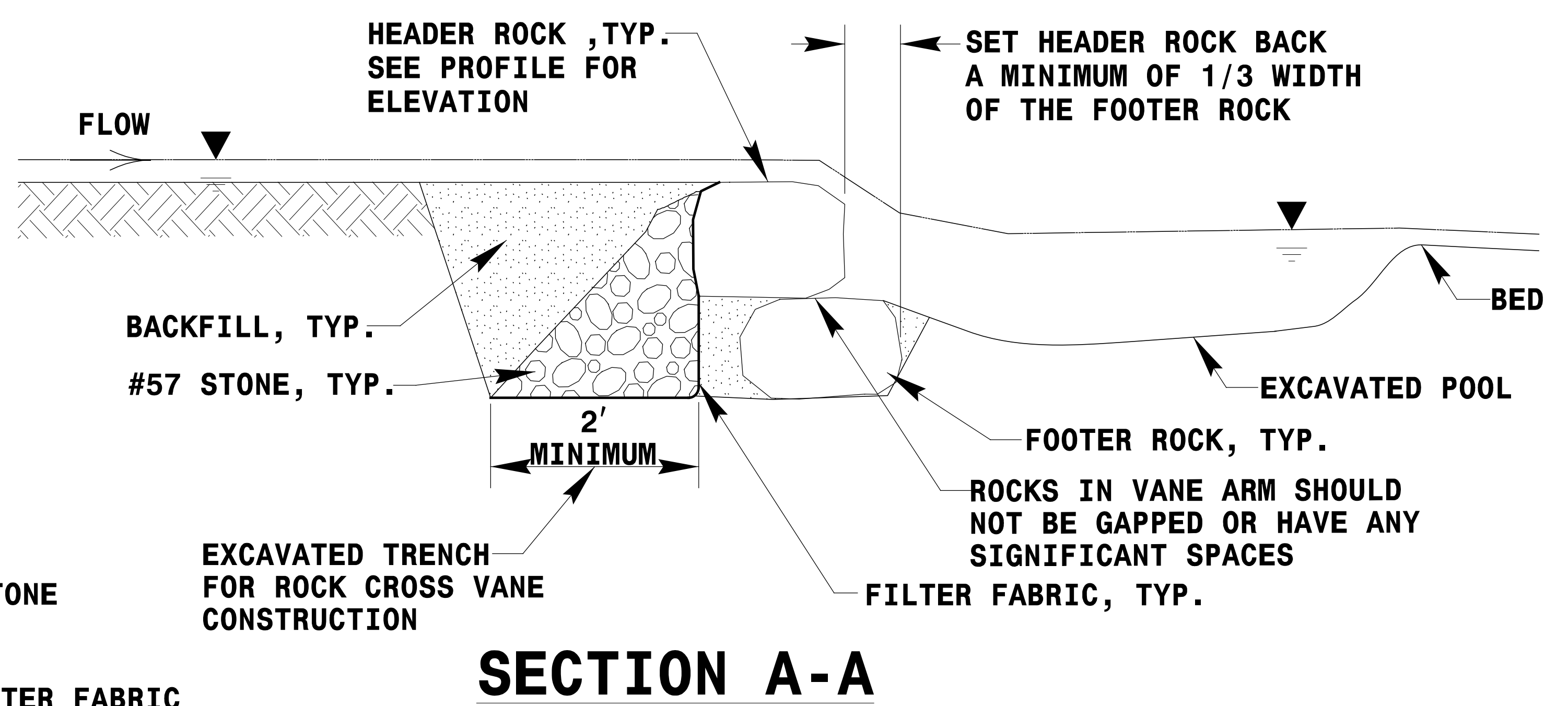
REVISIONS

PROJECT REFERENCE NO. U-2707	SHEET NO. NS-8
RW SHEET NO.	
HYDRAULICS ENGINEER 2/19/2016 NORTH CAROLINA PROFESSIONAL SEAL 036254 EMMETT PERDUE Emmett Perdue	



REACH	BOULDER DIMENSIONS (FT)		
	HEIGHT	LENGTH	WIDTH
R1	2	4	3
R2	2	4	3

**ROCK CROSS VANE DETAIL**  
NOT TO SCALE



- NOTES:**
1. DEEPEST PART OF POOL TO BE IN LINE WITH WHERE VANE ARM TIES INTO BANKFULL.
  2. DO NOT EXCAVATE POOL TOO CLOSE TO FOOTER BOULDERS.
  3. CLASS "A" STONE CAN BE USED TO REDUCE VOIDS BETWEEN HEADERS AND FOOTERS.
  4. COMPACT BACKFILL TO EXTENT POSSIBLE OR AT THE DIRECTION OF THE ENGINEER.
  5. POOL DEPTH SHOULD BE 2 TO 3 TIMES BANKFULL DEPTH.

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